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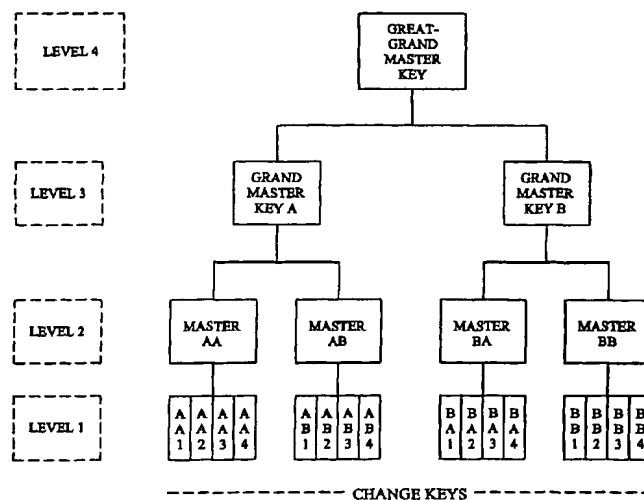
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(54) Title: SECURITY SYSTEM



(57) Abstract: An electronic access control system comprising a lock cylinder and one or more user keys for use in operating the lock. Housed within the lock cylinder is a microprocessor and a memory. Each user key has an ID chip in which is embedded (at the time of manufacture) a unique ID number drawn from a pool of greater than 280,000,000,000,000 combinations, which number cannot be changed once it has been embedded in the key. A user key can be used to successfully open the lock if its unique ID number has been added to a list stored in the lock memory. The system further comprises an edit key which can be used to add or delete ID numbers of user keys from the list of valid keys stored in the lock memory.

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